

Specifications

Sony recommends Windows Vista® Ultimate

Model	VGN-AR69GU
Platform	Intel® Centrino® Processor Technology • Intel® Core™2 Duo Processor T8300(2.40GHz)*1*2 • Intel® Wireless WiFi Link 4965AGN • Mobile Intel® PM965 Express Chipset
Operating System	Genuine Windows Vista® Ultimate (English version) with Traditional Chinese Language Pack
Processor System Bus	800MHz
Memory Bus	667MHz
Cache Memory	3MB
Main Memory	Pre-installed / Max 4GB DDR2 SDRAM*3 (Max)*4
Memory SO-DIMM slots	2 SO-DIMM slots (The pre-installed memory module uses two)
Hard Disk	500GB*5 (250GBx2, Serial ATA, 5400rpm, RAID support*6)
Optical Drive	Drive Blu-ray Disc Drive
	Maximum Reading Speed BD-ROM: 2x / BD-R: 2x (Single Layer), 1.6x (Dual Layer) / BD-RE: 2x (Single Layer), 1.6x (Dual Layer) / DVD+R: 8x (Single Layer), 6x (Double Layer) / DVD-R: 8x (Single Layer), 6x (Dual Layer) / DVD-RW: 6x / DVD+RW: 6x / DVD-ROM: 8x / DVD-RAM: 5x / CD-ROM: 24x / CD-R: 24x / CD-RW: 24x
	Maximum Writing Speed BD-R: 2x (Single Layer), 1x (Dual Layer) / BD-RE: 2x (Single Layer), 1x (Dual Layer) / DVD+R: 8x (Single Layer), 2.4x (Double Layer) / DVD-R: 8x (Single Layer), 2x (Dual Layer) / DVD+RW: 4x / DVD-RW: 4x / DVD-RAM: 5x / CD-R: 8x / CD-RW: 8x
Graphics Accelerator	NVIDIA® GeForce® 8600M GT notebook graphics processing unit (GPU)
Dedicated Video Memory	512MB
Display	17.0" Wide (WUXGA: 1920 x 1200) TFT colour display (Clear Bright High Colour LCD)
TV Function	Digital (DVB-T)/Analogue Hybrid Tuner x 1*7
Interfaces	USB High Speed USB 2.0 x 3
	i.LINK(IEEE 1394) 4pin (S400) x 1
	Network(RJ-45)Connector 10Base-T/100Base-TX/1000Base-T x 1
	Display Output Connector Analogue RGB, mini D-sub 15pin x 1
	AV In/Out Connector Input x 1
	S-Video In/Out Connector Input x 1, Output x 1*8
	Headphone Stereo mini jack x 1
	Microphone Stereo mini jack x 1
	HDMI Connector Output x 1
	Modem V.92 and V.90 Compliant x 1
	Memory Stick Slot Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible)*9
	SD Memory Card Slot SD Memory Card*10 (SDHC compatible, MMC compatible)
	DC IN x 1
	Others VHF/UHF Connector, Optical Out Connector, Infrared Receiver
	Wireless LAN Integrated Wireless LAN IEEE 802.11a/b/g/Draft n*11 • Intel® Wireless WiFi Link 4965AGN • Maximum data rate: 11 Mbps (802.11b)/54 Mbps (802.11a/g) 300 Mbps (Draft 802.11n)*12 • 5 GHz (802.11a/Draft n), 2.4 GHz (802.11b/g/Draft n)
Wireless Connection	Bluetooth Bluetooth standard Ver. 2.0+EDR
Compatible Memory Cards	Memory Stick (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible) • SD Memory Card (SDHC compatible) • Multi Media Card
PC Card Slot	ExpressCard™(ExpressCard™/54 compatible) x 1, Type I/II x 1
Camera	Effective Pixels: 1280x1024
Audio	• DSD compatible high quality sound chip: "Sound Reality" (Intel® High Definition Audio compatible) • 3D audio (Direct Sound 3D support) • Built-in stereo speakers • Built-in monaural microphone • Approx. 19 mm key pitch / 2.5mm keystroke • 86 keys • Intelligent Touchpad
Keyboard / Input Device	
Battery Life*13	Bundled Battery VGP-BPS9A/B Lithium-ion battery: up to 2 hours of use
	Optional Long Battery VGP-BPL9 Lithium-ion battery: up to 3 hours of use
Dimensions (W x H x D)	416 x 33.5-41.5 x 299.5mm
Weight	3.9kg (including the supplied battery)
Software Applications	• AV Entertainment: Windows® Media Center, Image Converter 3 • Video Edit/Playback: VAO Movie Story 1.1, VAO Content Exporter 1.2, Adobe® Premiere® Elements 4.0, VAO Edit Components 6.4*14, WinDVD BD for VAO 8.0 • BD/DVD Creation: Click to Disc 1.0*15, Click to Disc Editor 1.0 • Music: VAO MusicBox 1.1, SonicStage Mastering Studio 2.4, SonicStage Mastering Studio Audio Filter 2.3, DSD Direct Player 1.0 • Still Image/Photo: Windows® Photo Gallery, Picasa™, Adobe® Photoshop® Elements 6.0(Installer) • Home Network: VAO Media 6.0 • Word Processor/Spreadsheet: 60-Days Trial Version of Microsoft® Office Professional 2007*16 • Tool: Roxio Easy Media Creator 9.0, Adobe® Reader® 8.1, Norton Internet Security™ 2007*17 • Utilities: VAO Control Center 2.1, VAO Camera Capture Utility 2.7, VAO Launcher 1.1, Setting Utility Series 3.1, ArcSoft Magic-i™ Visual Effects 1.0 • Support: VAO Recovery Center 1.1, VAO Update 3.0, VAO Data Restore Tool 1.0
Supplied Accessories	AC Adaptor(VGP-AC19V16)*18 • Lithium-ion battery(VGP-BPS9A/B)*19 • Remote Commander (RM-MCE20E), 2 AA Batteries
Warranty	One year*20

Features and specifications are subject to change without notice.

*1 CPU speed will be reduced under certain operating conditions. *2 Intel® Virtualization Technology is not supported on VAO. *3 If memory modules of the same capacity are installed to both of the two memory module slots, the supported dual channel mode provides better performance. *4 A portion of the system memory over 3GB may not be available to the operating system. *5 GB means one billion bytes when referring to hard disk drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition. *6 Set to RAID 0 (Striping) at initial shipment settings. It will be displayed as 500GB x 1 on the Windows operating system. *7 There may be some cases in which the programmes cannot be seen depending on the Cable TV Service. Please contact each Cable TV Service for further information. *8 Does not support playback copyright protected contents recorded on Blu-ray disc. *9 Compatibility confirmed with Sony branded AgMemory Stick/AH media only. *10 The copyright protection of the SD memory card is not supported. *11 The maximum communication distance can vary depending on the obstacles or the distance between the communication devices, the radio waves, the operating system or the software being used. *12 The communication speed varies depending on the distance between communication devices, existence of obstacles between such devices, the device configuration, the radio conditions, and the software in use. In addition, communication may be cut off depending on the radio conditions. *13 Estimated battery life (under JETA Battery Run Time Measurement Method (ver.1.0)). Actual battery life may vary with different operating conditions and settings. For further details, please visit vaio-online.sony.com *14 Though the software is not pre-installed, the official license is registered. It can be downloaded free of charge. *15 When a BD/MV format disc is to be created, a hard disk margin of two times the capacity of the material other than the actual space necessary for itself, plus approximately 1GB is required. BD-J discs created by "Click to Disc" or "Click to Disc Editor" are verified for playback on PlayStation3 and VAO with Blu-ray Disc Drive. The system software of PlayStation3 and "WinDVD BD for VAO" may require upgrade to enable playback. *16 This software is intended for evaluation purposes only. It must be activated before actual use, and the activation procedures will be detailed during initial launch. Activation requires Internet access, which enables certain functions included. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting options and operations. *17 Free use of 90 days. Further update will be charged. *18 AC adaptor should be connected while the CPU is having a heavy workload, such as Blu-ray disc playback, or playback may not be displayed properly because of the power saving feature. *19 This product may only function with a genuine Sony battery designed for this model. *20 Warranty conditions may vary by region.

<Important notice when playing back Blu-ray discs>>

(Supporting Disc) • Supports writing data to BD-R 1.1 discs (single-layer discs with the capacity of 25GB, dual-layer discs with the capacity of 50GB) and BD-RE 2.1 discs (single-layer discs with the capacity of 25GB, dual-layer discs with the capacity of 50GB). The Blu-ray disc drive on your computer does not support BD-RE 1.0 discs and Blu-ray cartridge discs. (Blu-ray Disc Playback) • As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray disc playback. VAO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates. • Requires compatible high-definition display for high-definition playback. Playback of AACs protected media may require an HDCP compliant output and HDCP compliant display. • You may need to connect to the Internet when playing copyright protected Blu-ray discs • Region settings are required for Movies and BD-ROM contents. If the region setting and the region of the disc do not match, playback is not possible. (Blu-ray Disc Recording / Burning) • Video recording to Blu-ray Disc media is done in MPEG2 format only.

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Optional Accessories for the VGN-AR69GU (availability depends on region)

VGP-BPL9
Lithium-ion Battery (L)

- Rechargeable battery: up to 3 hours of use*13

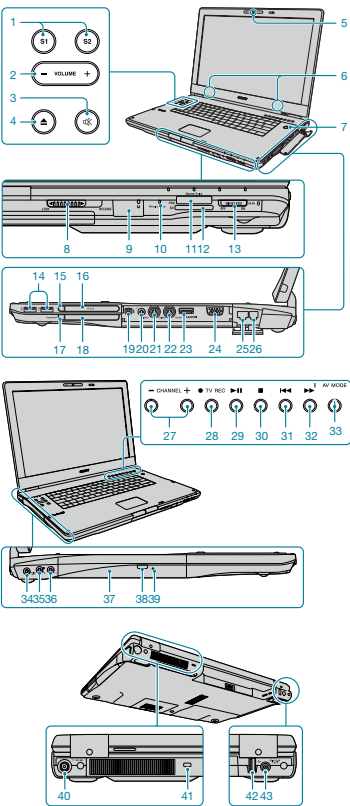


VGP-SP100
2.1ch Amplified Speakers

- Unparalleled multimedia experience
- Easy connectivity via USB 2.0
- 1.2W Subwoofer plus bass balance



VGN-AR69GU



- Shortcut buttons
- Volume buttons
- Mute button
- Disc drive eject button
- Built-in camera MOTION EYE
- Built-in stereo speakers
- Power button
- LCD lock
- Infrared receiver
- Built-in monaural microphone
- Memory Stick Duo slot (Standard/Duo Size compatible, MagicGate compatible, Memory Stick PRO compatible, High-speed data transfer compatible)
- SD Memory card slot (MMC compatible)
- Wireless LAN switch
- USB 2.0 connector (x 2)
- PC Card eject button
- PC Card slot (Type I/II x 1)
- ExpressCard™ module eject button
- Universal ExpressCard™ slot
- i.LINK (IEEE 1394) S400(4pin) connector
- AV In
- S-Video In Connector
- S-Video Out Connector
- HDMI connector
- Monitor connector (Analogue RGB, mini D-sub 15 pin)
- Network (RJ-45) connector
- Modem (RJ-11) connector
- CHANNEL buttons +/-
- TV REC button
- Play/Pause button
- Stop button
- Previous track button
- Next track button
- AV MODE button
- S/PDIF optical out (Output frequency 96 kHz/48 kHz/44 kHz/Variable)
- Microphone jack(stereo mini)
- Headphones jack(stereo mini)
- Blu-ray Disc Drive
- Drive eject button
- Manual eject hole
- VHF/UHF connector
- Security slot
- USB 2.0 connector
- DC IN connector

SONY

VAIO AR

VGN-AR69GU



Intel® Centrino® Processor Technology

Core™2 Duo inside™

Multiply your entertainment with Blu-ray compatibility and built-in TV Tuner

Full HD 1080

vaio-online.sony.com



like.no.other

no more bounds

VGN-AR69GU

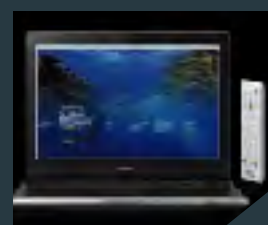
Sony recommends Windows Vista® Ultimate

Stay on top with TV reception and Blu-ray's high definition

Blu-ray's HD (High Definition) capabilities will let you stay on top of your game with detailed images that are bound to get your creations noticed. You can also stay on top of breaking news and your favourite shows since this PC provides a TV Solution right at your desk. And naturally the Windows Vista® Ultimate operating system provides unprecedented usability and security, so you always come out on top no matter how you enjoy this multi-talented PC.



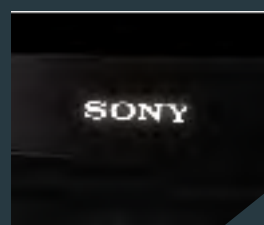
Windows Vista®
Ultimate



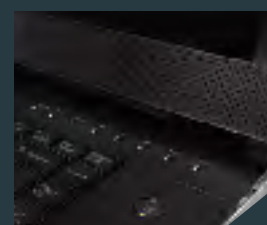
▲ Hybrid TV tuner with easy control



▲ Design-integrated MOTION EYE camera



▲ SONY illuminated logo



▲ AV control buttons



▲ S/PDIF optical out, S-Video In/Out, HDMI Connector

Blu-ray Disc & Full HD



VAIO AR69GU has a built-in Blu-ray Disc Drive that allows you to unleash your creativity in the form of HD (High Definition) content. It comes with all the software you need to edit and burn HD content onto Blu-ray disc so you can get started right away. And its 17" wide Clear Bright High Colour LCD gives you a detailed picture that does justice to HD images, with 72% colour reproduction for incredible realism, and a Vivid mode that instantly boosts colour contrast for a more lively image.

Standard Mode



Screen image is simulated.

Vivid Mode



High-Octane AV Entertainment

In addition to the visual power of HD images, VAIO AR69GU gives you a total audiovisual experience powered by the latest Intel® Core™2 Duo Processor T8300 (2.40GHz). For instance, there's a built-in TV tuner with handy remote commander so you can enjoy watching TV right where you are. It's perfect for editing high-quality video footage with bundled VAIO Movie Story and creating original Blu-ray Discs with menus via new Click to Disc / Click to Disc Editor.

Sleek & Stately Style

With a minimum thickness of 33.5 mm, every surface and every curvature of its sleek body has meaning; to make VAIO ergonomically stylish, stress-free to work with, and a pleasure to look at. The light and sturdy magnesium alloy used in the chassis is the same type that is used in aerospace by virtue of its durability and resistance to electromagnetic interference, and the exterior's Premium Black finish radiates a lustre like a fine car or a grand piano.

Main features

HD viewing:
17" Wide Clear Bright
High Colour LCD

TV Solution at your desk:
Built-in Hybrid TV Tuner

Fast HDD access:
RAID Technology

Visual communication:
Built-in Camera
MOTION EYE

Network freedom:
Wireless LAN IEEE 802.11
a/b/g/Draft n & Bluetooth®

Superior material:
Magnesium alloy body

Handy presentation:
Plug & Display

Comfortable typing:
Full-pitched Keyboard

Content sharing:
Memory Stick Slot
SD Memory Card Slot

Excellent sound:
Rich Sound Speakers,
Dolby® Digital Live

AV output flexibility:
HDMI, S-Video, S/PDIF

Customisable:
User-assignable S keys

Basic specifications

Intel® Core™2 Duo
Processor T8300
(2.40GHz)

Genuine Windows
Vista® Ultimate

17.0" WUXGA
1920 x 1200 LCD

NVIDIA® GeForce®
8600M GT GPU

Blu-ray Disc™ Drive

Main Memory 4GB

Hard Disk Drive 500GB

Powerful Software for creative minds.

VIDEO & PHOTOS



Click to Disc / Click to Disc Editor
Create interactive video/photo Blu-ray Discs with menus, sync play and calendar view. Use photos and footage you've edited with Click to Disc Editor



VAIO Movie Story
Automatically produce high-quality home movies with a professional feel in three simple steps.



Adobe® Premiere® Elements
Enjoy advanced editing of videos, photos, and music with this renowned software.



Adobe® Photoshop® Elements
Add a personal touch to your prized still images and present them effectively to your friends.



VAIO Content Exporter
Simply and smoothly export a wide range of AV files, including video footage and photos you've enjoyed creating yourself.

Roxio Easy Media Creator / Win DVD BD for VAIO / Picasa™

MUSIC



VAIO MusicBox
Intelligent software that automatically plays music from your collection that fits your mood, activity or time of day.



SonicStage Mastering Studio
Convert analogue music to digitally enhanced audio* with high-quality effector modules.



SonicStage Mastering Studio Audio Filter
Enhance any audio content played on VAIO laptop PCs and enjoy it with excellent headphone presets.

SUPPORT

VAIO Update

Alerting you to important changes via Internet that appear as reminder balloons on your desktop.**

Norton Internet Security™ 2008

Highly effective monitoring for viruses and spyware helps keep computing secure.***

VAIO Recovery Center / VAIO Data Restore Tool

* Roland EDIROL AUDIO capture UA-25**** or UA-101**** USB audio interface device required.
** Internet connection required for use.
*** Free use of 90 days. Further update will be charged.
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